(+91) 9008410159, (+91) 9496059670
ruveenamv@gmail.com

RUVEENA VINCENT

SKILLS

Electrical Engineering skills – AutoCAD, Electrical CAD, CATIA (Exposure), MATLAB/Simulink, PLC (Exposure), SCADA(Exposure)

IT skills – Java, C, C++, MySQL, MongoDB, Restful Web Services

EXPERIENCE

Kurlis, Cochin – *Production & Design Engineer (Team Lead) - Wiring Harness*

July 2018 to present

Roles and responsibilities

- Lead team for production of wiring harness
- Attending training for new wiring harness projects and knowledge transfer to operators
- Drawing analysis, quote submission, Preparation of FMEA, Process control plan, flowchart etc., and finally releasing to production.
- Implementation of documents like Kaizen Board, CAPA, 8D, PQCD.
- Lead PQCD meetings
- Update delivery schedule according to client's requirements
- Store & Logistics Management.
- Action plan to resolve the issue.
- Conduct market studies for planning the team and production
- Supplier interaction for the development of wiring harness.
- Prepare quality analysis reports
- Lead Automation activities at the plant
- Design and maintain 5S activities at the plant

Projects

- **Jaguar Boteppa**
  - Lead a team of 6 for production of harness for Bonnet trailing edge pedestrian protection airbag. Responsible for the quality and production of this project.
  - Production timing was optimized by designing new cycle time and thereby increasing the production.
- **Fiat Chrysler Automobiles – Compass Headlamp**
  - Lead a team of 7 for production of harness for a headlamp for Jeep’s headlamp. Responsible for the quality and production of this project.
  - Reduced the rejection rate from 30 to 10 % after implementing the mandatory incoming quality check
  - Designed and implemented a new fixture for holding connectors during terminal insertion

- **Mahindra-Marazzo(U321) Seatbelt Pretensioner**
  - Lead a team of 10 for production of harness for seat belt pre-tensioners for Mahindra Marazzo. Responsible for the quality and production of this project.
  - Restructured production line to optimize the cycle time such that handling time was reduced.
  - Automated taping machine was introduced in the production line.

Customer Audit faced

PRICOL LIMITED- Client representatives- Mr.RAJIV, Mr.SARAVANA KUMAR

Reference

Mr.Eldho Kuriakose(C.E.O) eldho.kuriakose@kurlis.com (Ex-VOLVO)

Mr.Vasudevan C.R (Vice President) crv@kurlis.com (Ex-O/E/N-India)

Razorthink Inc, Bangalore – *Software engineer*

JUNE 2014 - JULY 2016

- **Aux House**
  - Implemented Data Sync Module to extract products for e-commerce based iOS application.
  - Developed backend REST services for application
  - Unit test and bug fixes.
  - Interact with clients to gather requirements.
  - Supervise team in development.
  - App Store Link : https://itunes.apple.com/us/app/aux-house/id1081424923?mt=8

- **Elevate By Salon**
  - Developed backend REST services for application
  - Unit test and bug fixes.
  - Interact with clients to gather requirements.
  - App Store Link : https://itunes.apple.com/us/developer/elevate-by-salon-inc/id950297623

EDUCATION

Federal Institute of Science and Technology – *Master of Technology in Power Electronics and Power Systems*

AUGUST 2016 - MAY 2018, ERNAKULAM

CGPA - 8.55/10

College of Engineering, Kottayam – *Bachelor of Technology in Electrical and Electronics Engineering*

AUGUST 2010 - APRIL 2014, KOTTAYAM

CGPA - 8/10

PUBLICATIONS

- Ruveena Vincent and Anil J Thomas, “A Photovoltaic System with Adaptive MPPT with ZETA converter and Single source multilevel inverter”, *IEEE International Conference on Control, Power, Communication and Computing Technologies*, 978-1- 5386-0796- 1, March 2018.
- Ruveena Vincent, Devika PV, Anil J Thomas, and Rosemin Parackal, “A Photovoltaic System with Output Voltage Sensor Based MPPT with a combination of SEPIC-CUK Converter”, *IEEE International Conference on Control, Communication and Computing*, 978-1-5386-4966-4, July 2018.

PROJECTS

M.Tech Main Project — A Photovoltaic System using Adaptive MPPT with ZETA converter and Single source multilevel inverter

M.Tech Mini Project — An Adaptive Voltage-Sensor-Based MPPT for Photovoltaic Systems with SEPIC Converter Including Steady-State and Drift Analysis

B.Tech Main Project — Parallel Protection and Voltage Regulation of Transformers Using SCADA

B.Tech Mini Project — Automatic Intelligent Irrigation system

TRAINING ATTENDED

- Manufacturing of distribution transformers at Kerala Electrical Limited (KEL), Mamala, Cochin
- Manufacturing of Power transformers at TELK, Ankamaly, Cochin
- Industrial training at 220 kV substation at Pallam, Kottayam
- Workshop on Design of Magnetic Circuits for Power Electronic Converters at FISAT, Ankamaly
- Faculty Development Programme on Design And Analysis of Power Converters and Fuzzy Logic Controllers at Amal Jyothi College of Engineering, Kanjirappally